

A Beautiful Chair with Curved Back Legs

DIY Plans to Build the Anna Chair

I love the curve of the back legs on this chair! The DIY plans to build an Anna Chair featured gorgeously curved legs (easy to make with the included templates) and tapered front legs. In the future, I will include an option to add an upholstered seat with an Elasebelt webbed foundation. This chair is made to be used with a 2" thick cushion. As always, this chair is a quick and easy build that can be completed in a weekend!

build an
anna chair



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Materials:

- 1-1/4" pocket hole screws
- 2-1/2" pocket hole screws
- 1-1/4" brad nails
- Metal corner braces
- Wood glue

- Sandpaper (100, 150, 220 grits)
- Finishing supplies (primer & paint, or stain, sealer)

Lumber:

- 1 – 1×3 at 8'
- 1 – 2×2 at 4'
- 1 – 2×2 at 6'
- 1 – 2×6 at 6'
- 1 – 2' x 2' sheet of 3/4" plywood

Cut List:

- 2 – 2×2 at 16" – Front Legs
- 2 – 2×6 at 36" – Back Legs
- 2 – 1×3 at 16" – Front & Back Aprons
- 2 – 1×3 at 18-1/8" – Side Aprons
- 3 – 2×2 at 16" – Back
- 4 – 1×2 at 5" – Corner Braces
- 1 – 3/4" plywood at 19" x 21-1/8" – Seat



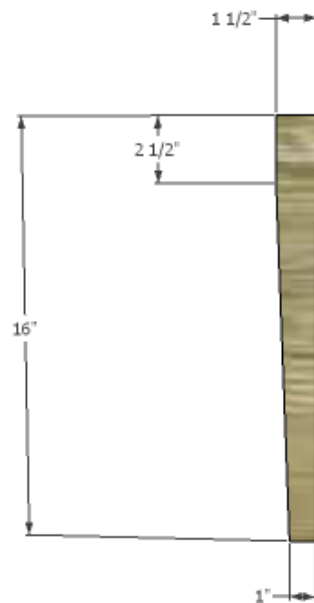
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Click on the drawings for a larger view!

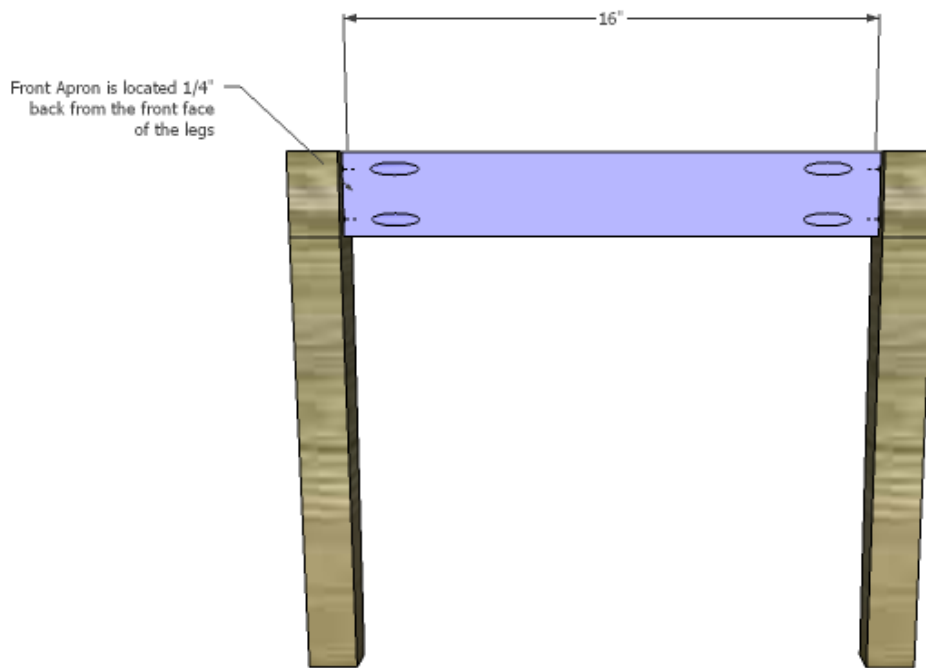
Step One

Cut the pieces for the front legs. Cut the taper using a tapering jig on the table saw or a jigsaw.

Cut the piece for the front apron. With the pocket hole jig set for 3/4" material, drill pocket holes in each end of the apron piece. Secure the apron to the legs using glue and 1-1/4" pocket hole screws. The tapers on the legs will face toward the back legs. The apron will be positioned 1/4" back from the front face of the legs.

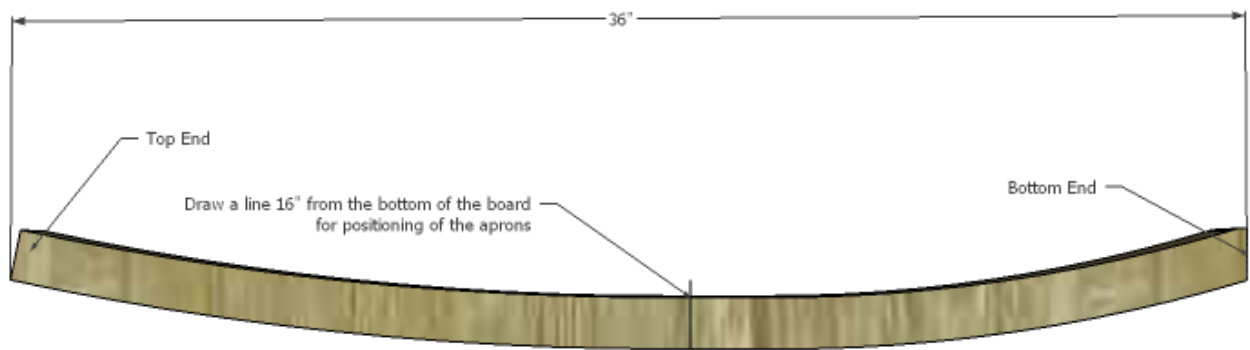


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Step Two

Print the [templates](#). Align the registration marks and tape the sheets together, then cut out the template. Secure the two 2×6 pieces together using screws or hot glue (not wood glue!) then trace the template. Draw a line across the pieces at 16" from the bottom of the leg. Cut out the legs using a jigsaw or a bandsaw. Thoroughly sand the legs before separating the pieces trying to keep the pencil mark drawn beforehand in place. Transfer the pencil mark to the other leg. This mark is where the top of the back apron will be positioned.

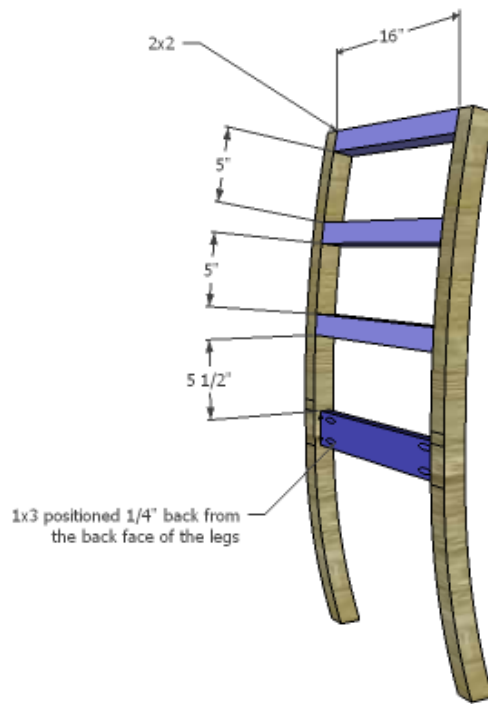


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Step Three

Cut the pieces for the back apron and back framing. Drill pocket holes in each end of the apron. Secure the apron to the back legs at the pencil mark (16" up from the bottom of the leg). The apron will be positioned 1/4" back from the back face of the legs.

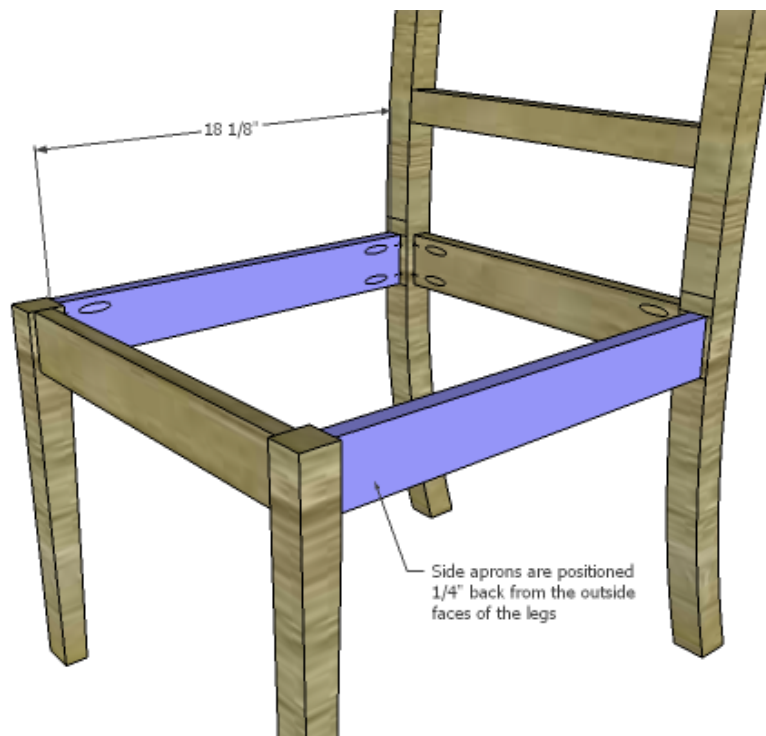
Set the pocket hole jig for 1-1/2" material and drill pocket holes in each end of the back pieces. Secure the pieces as shown to the back legs using glue and 2-1/2" pocket hole screws. The front face of the back pieces will be flush with the front faces of the legs.



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Step Four

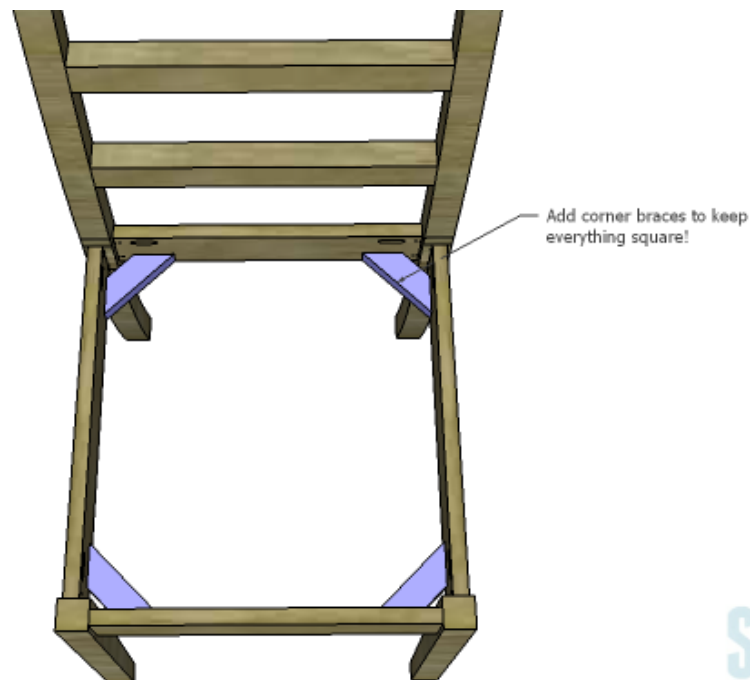
Cut the pieces for the side aprons. Set the pocket hole jig for 3/4" material and drill pocket holes in each end. Secure the aprons to the front and the back legs using glue and 1-1/4" pocket hole screws. The aprons will be positioned 1/4" back from the side faces of the legs.



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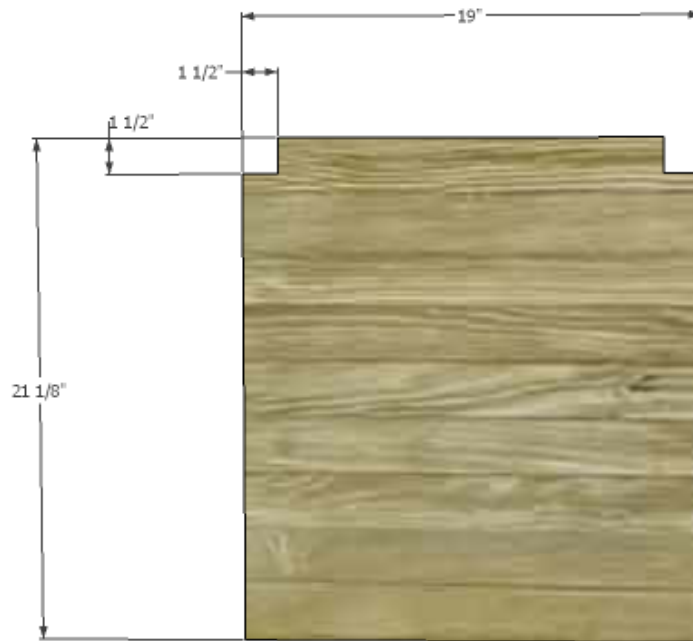
Step Five

Secure the corner braces to the inside of the legs at the lower edges of the aprons. Corner braces can also be cut from scrap pieces of 1x2 material with a 45° miter in each end then secured using glue and 1-1/4" brad nails.

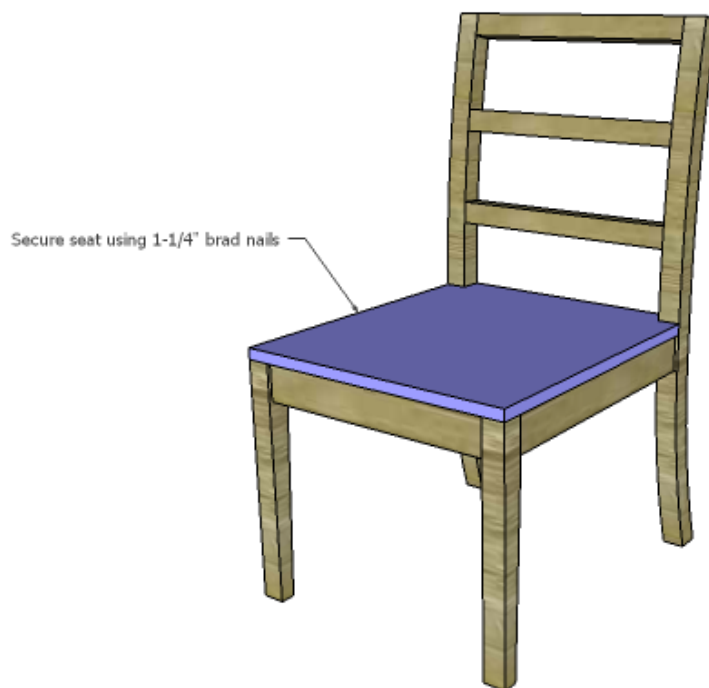


Step Six

Cut the piece for the seat and cut the notches with a jigsaw. Secure the seat to the aprons using glue and 1-1/4" brad nails.



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Finish as desired.

The curved legs are what make this chair so fabulous – at least in my opinion! The templates are easy to use, and the legs are easy to cut. Have any questions on the DIY plans to build an Anna Chair? Leave a comment below!